

SEQUENCE LISTING

<110> Tracy, Steven M.
Chapman, Nora M.
Kolbeck, Peter
Malone, James

<120> Coxsackievirus Vectors for Delivery of Nucleic Acids Encoding
Antigenic or Therapeutic Products

<130> UNMC 63116

<140> US 08/812,121

<141> 1997-03-05

<160> 18

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 85

<212> DNA

<213> Coxsackievirus

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ttt ggacaacaat caaggggcag cgtatgtggg	
gaactacagg gtaatgggtc tcaac	85

<210> 2

<211> 80

<212> DNA

<213> Coxsackievirus

<400> 2

tactcgatca ctacaatgac aaatacgggc	60
gcatttggac aacaatcagg ggcagcgtat	
gtggggaact acagggtagt	80

<210> 3

<211> 34

<212> PRT

<213> Coxsackievirus

<400> 3

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Gly Ala Phe Gly Gln Gln Ser Gly Ala Val Thr Leu Glu Met Pro Gly	
20 25 30	
Ser Ala	

<210> 4

<211> 25

<212> PRT

<213> Coxsackievirus

<400> 4

Met Lys Ser Asn Ser Ile Thr Thr Met Thr Asn Thr Gly Ala Phe Gly
 1 5 10 15
 Gln Gln Ser Gly Ala Val Tyr Val Gly
 20 25

<210> 5
 <211> 27
 <212> DNA
 <213> Cocksackievirus

<400> 5
 atgggaaatt cgagctcgat gcctggc 27

<210> 6
 <211> 28
 <212> DNA
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<400> 6
 atgaaaagcg catgcgggtt ttcaaggt 28

<210> 7
 <211> 74
 <212> DNA
 <213> Cocksackievirus

<400> 7
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 cagtctcgga tcca 74

<210> 8
 <211> 62
 <212> DNA
 <213> Cocksackievirus

<400> 8
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 ag 62

<210> 9
 <211> 5
 <212> PRT
 <213> Cocksackievirus

<400> 9
 Asn Thr Gly Ala Phe
 1 5

<210> 10
 <211> 11
 <212> PRT
 <213> Cocksackievirus

<400> 10
 Tyr Arg Val Met Gly Leu Asn Tyr Ser Ile Thr
 1 5 10

<210> 11

<211> 58
 <212> PRT
 <213> Cocksackievirus

<400> 11
 Ser Gly Val Thr Thr Thr Arg Gln Ser Ile Thr Thr Met Thr Asn Thr
 1 5 10 15
 Gly Ala Phe Gly Gln Gln Ser Gly Ala Val Thr Leu Glu Asp Pro Arg
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 Val Pro Ser Ser Asn Ser Ile Thr Thr Met Thr Asn Thr Gly Ala Phe
 35 40 45
 Gly Gln Gln Ser Gly Ala Val Tyr Val Gly
 50 55

<210> 12
 <211> 59
 <212> PRT
 <213> Cocksackievirus

<400> 12
 Ser Gly Val Thr Thr Thr Arg Gln Ser Ile Thr Thr Met Thr Asn Thr
 1 5 10 15
 Gly Ala Phe Gly Gln Gln Ser Gly Ala Val Thr Leu Glu Met Pro Gly
 20 25 30
 Ser Ala Met Lys Ser Asn Ser Ile Thr Thr Met Thr Asn Thr Gly Ala
 35 40 45
 Phe Gly Gln Gln Ser Gly Ala Val Tyr Val Gly
 50 55

<210> 13
 <211> 69
 <212> DNA
 <213> Cocksackievirus

<400> 13
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 tttcaagga 69

<210> 14
 <211> 55
 <212> DNA
 <213> Cocksackievirus

<400> 14
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<210> 15
 <211> 23
 <212> PRT
 <213> Cocksackievirus

<400> 15
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 Arg His Ala Gly Phe Gln Gly
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<210> 16

<211> 18
 <212> PRT
 <213> Cocksackievirus

<400> 16
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 Gln Gly

<210> 17
 <211> 138
 <212> DNA
 <213> Cocksackievirus

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 gcagtctcgg atccagaatt ctgcagatca attaccacca tgaccaaacac gggggcgcat 120
 ttggacaatc aggggcag 138

<210> 18
 <211> 46
 <212> PRT
 <213> Cocksackievirus

<400> 18
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 Gln Gln Ser Gly Ala Val Ser Asp Pro Glu Phe Cys Arg Cys Ile Thr
 20 25 30
 Thr Met Thr Asn Thr Gly Ala Phe Gly Gln Ser Gly Ala Val
 35 40 45